

We Claim:

1. A composition useful for forming a reinforcing body, said composition comprising:

5 from about 20-30% by weight of an SBS block co-polymer;
from about 5-20% by weight polystyrene;
from about 0.5-5% by weight of a rubber; and
from about 30-45% by weight of an epoxy resin.

10 2. The composition of claim 1, said composition further comprising from about 0.5-5% by weight of a pigment.

15 3. The composition of claim 1, said composition further comprising from about 1-10% by weight hydrated amorphous silica.

4. The composition of claim 1, said composition further comprising from about 10-20% glass microspheres.

20 5. The composite of claim 1, said composition further comprising from about 0.1-5% by weight of a blowing agent.

6. The composition of claim 1, said composition further comprising from about 0.1-5% by weight of a catalyst.

25 7. The composition of claim 1, said composition further comprising from about 0.1-5% by weight of a curing agent.

8. The composition of claim 1, said composition further comprising a compound for lowering the blowing temperature of the composition.

9. The composition of claim 1, wherein said rubber is a nitrile-butadiene rubber and said epoxy resin is a bisphenol A-based liquid epoxy resin, and said composition further comprises:

- from about 0.5-5% by weight of a pigment;
- 5 from about 1-10% by weight hydrated amorphous silica;
- from about 10-20% by weight glass microspheres;
- from about 0.1-5% by weight of a blowing agent;
- from about 0.1-5% by weight of a catalyst;
- 10 from about 0.1-5% by weight of a curing agent; and
- up to about 5% by weight of a compound for lowering the blowing temperature of the composition.

10. The composition of claim 9, wherein said pigment comprises carbon black, said blowing agent comprises azodicarbonamide, said catalyst comprises N,N-dimethyl phenyl urea, said curing agent comprises dicyandiamide, and said compound for lowering the blowing temperature comprises zinc oxide.

11. A composition useful for forming a reinforcing body, said composition comprising:

- 20 from about 20-30% by weight of an SBS block co-polymer;
- from about 5-20% by weight polystyrene;
- from about 0.5-5% by weight of a rubber; and
- from about 30-45% by weight of an epoxy resin,

wherein said composition has a percent expansion of from about 80-220% after heating
25 thereof to a temperature of at least about 300°F.

12. A composition useful for forming a reinforcing body, said composition comprising:

- 30 from about 20-30% by weight of an SBS block co-polymer;
- from about 5-20% by weight polystyrene;
- from about 0.5-5% by weight of a rubber; and
- from about 30-45% by weight of an epoxy resin,

wherein said composition has a compressive strength of at least about 1400 psi upon
being expanded by heating to a temperature of at least about 300°F.

13. A composition useful for forming a reinforcing body, said composition comprising:

from about 20-30% by weight of an SBS block co-polymer;
from about 5-20% by weight polystyrene;
from about 0.5-5% by weight of a rubber; and
from about 30-45% by weight of an epoxy resin,
wherein said composition has a compressive strength of at least about 1400 psi
and a percent expansion of from about 80-220% upon being expanded
by heating to a temperature of at least about 300°F.

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14. The composition of claim 13, said composition further comprising from about 0.5-5% by weight of a pigment.

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15. The composition of claim 13, said composition further comprising from about 1-10% by weight hydrated amorphous silica.

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16. The composition of claim 13, said composition further comprising from about 10-20% glass microspheres.

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17. The composite of claim 13, said composition further comprising from about 0.1-5% by weight of a blowing agent.

18. The composition of claim 13 said composition further comprising from about 0.1-5% by weight of a catalyst.

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19. The composition of claim 13, said composition further comprising from about 0.1-5% by weight of a curing agent.

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20. The composition of claim 13, said composition further comprising a compound for lowering the blowing temperature of the composition.

21. The composition of claim 13, wherein said rubber is a nitrile-butadiene rubber and said epoxy resin is a bisphenol A-based liquid epoxy resin, and said composition further comprises:

- from about 0.5-5% by weight of a pigment;
- 5 from about 1-10% by weight hydrated amorphous silica;
- from about 10-20% by weight glass microspheres;
- from about 0.1-5% by weight of a blowing agent;
- from about 0.1-5% by weight of a catalyst;
- 10 from about 0.1-5% by weight of a curing agent; and
- up to about 5% by weight of a compound for lowering the blowing temperature of the composition.

22. The composition of claim 21, wherein said pigment comprises carbon black, said blowing agent comprises azodicarbonamide, said catalyst comprises N,N-dimethyl phenyl urea, said curing agent comprises dicyandiamide, and said compound for lowering the blowing temperature comprises zinc oxide.